

METHOD FOR CAST MOLDING TORIC CONTACT LENSESAbstract of the Invention

Methods of cast molding toric contact lenses are provided including the steps of providing a first contact lens mold section; providing a molding apparatus and an insert tool adapted to be fixed to the molding apparatus at a plurality of different rotational orientations relative to the molding apparatus; fixing, at one of a plurality of different rotational orientations relative to the molding apparatus, the insert tool in a molding apparatus and producing a second mold section in the molding apparatus with the insert tool fixed thereto, wherein the second mold section includes a contour which corresponds to a toric optical zone of a contact lens; assembling the first and second mold sections; and cast molding a toric contact lens product between the mold sections. Sets of mold sections useful for molding toric contact lenses as provided.